

Title (en)

GAS ANALYSIS DEVICE, GAS SAMPLING DEVICE AND GAS ANALYSIS METHOD

Title (de)

GASANALYSEVORRICHTUNG, GASPROBENENTNAHMEVORRICHTUNG UND GASANALYSEVERFAHREN

Title (fr)

DISPOSITIF D'ANALYSE DE GAZ, DISPOSITIF D'ÉCHANTILLONNAGE DE GAZ ET PROCÉDÉ D'ANALYSE DE GAZ

Publication

**EP 3336539 B1 20230830 (EN)**

Application

**EP 17184565 A 20170802**

Priority

- JP 2016242686 A 20161214
- JP 2017070648 A 20170331

Abstract (en)

[origin: EP3336539A1] A gas analysis device is provided that is able to accurately measure a concentration or a quantity of methane contained in a sample gas even if there are variations in the pressure in the sample gas line. This gas analysis device 1 has a sample gas line 11 through which a sample gas flows, a pressure loss mechanism 20 that is provided on the sample gas line 11, a pressure control mechanism 21 that refers to the pressure on the forward side of the pressure loss mechanism and, by either discharging a portion of the sample gas from the rearward side of the pressure loss mechanism 20, or by supplying a predetermined gas to the rearward side of the pressure loss mechanism 20, controls pressure differences in the sample gas line 11 between the front and the rear of the pressure loss mechanism 20, and an analyzer that analyzes the sample gas flowing through the sample gas line 11.

IPC 8 full level

**G01N 33/00** (2006.01); **G01N 1/22** (2006.01)

CPC (source: EP US)

**B01J 20/02** (2013.01 - EP US); **B60K 15/07** (2013.01 - US); **F02M 21/0209** (2013.01 - EP US); **F17C 11/007** (2013.01 - US); **G01N 1/2252** (2013.01 - EP US); **G01N 29/028** (2013.01 - US); **G01N 33/0016** (2013.01 - EP US); **G01N 33/0047** (2013.01 - EP US); **Y02E 60/32** (2013.01 - EP US); **Y02T 10/30** (2013.01 - EP US)

Cited by

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DOCDB simple family (publication)

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